

$\text{Sr}_2\text{RESbO}_6$ compounds of ~~in accordance~~ with this invention.

IN THE ABSTRACT:

5 Rare earth metal containing compounds of the general formula $\text{Sr}_2\text{RESbO}_6$, wherein RE is a rare earth metal, $\text{Sr}_2\text{LuSbO}_6$ and $\text{Sr}_2\text{LaSbO}_6$ have been prepared with as high critical temperature thin film superconductor ~~structures~~ structures, and can be used in other ferroelectrics, pyroelectrics, piezoelectrics, and hybrid device structures.